

The Question of the Mechanism ~~XXX~~ of the
Chlorination of Arylsulfonic Acids With
~~EMIX~~ Chlorosulfonic Acid. Chlorination of
p-Phenylurethylsulfonic Acid, by V. A.
Palm, 4 pp.

RUSSIAN, three-mo per, Dok Ak Nauk SSSR,
Vol CVIII, No 3, pp 487-490.

43,179

~~XXXXXXXXXX~~
Consultants Bureau

Sci - Chemistry
Jan 57 CFS

Study of Isotope Exchange ~~XXXX~~ Between Gaseous
Oxygen and Alkali Metal Sulfates at High Tempera-
ture, Associate Member of the Academy of Sciences,
USSR Vilt. I. Spitsyn and V. G. Finikov, 4 pp

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR,
Vol CVIII, No 3, pp 491-

Consultants Bureau

Sci - Chemistry
Jan 57 CFS

43,180

The Question of the Determination of the Type
of Organic Matter Material in Rocks By the
Method of Luminescent Bituminological Analysis,
by O. A. Radchenko and A. G. Savinykh, 4 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR,
Vol CVIII, No 3, pp 503-

Consultants Bureau

Chem - Geophys
Jan 57 CTS

43,148

Reversibility of the Timiryazev, Reaction and the
Relation Between Dark and Photochemical Reduction
of Chlorophyll and Its Analogs, by V. B.
Evstigneyev, V. A. ~~Sax~~ Gavrilova, 6 pp.

RUSSIAN, thrice-per, Dok Ak Nauk SSSR, Vol
CVIII, 1956, pp 507-510.

SLA R-1347

May 58

64,621

Investigation by Flavones of the Polyphenol
Group in Tobacco by Filter Paper Chromatography, by
M. K. Mikhailov.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol
CVIII, No 3, 1956, pp 511-514.

SLA 60-25564
Co-Op Trans Sch Tr 329
£1.12s.

Sci - Physics
Jul 57

49,177

Cementing Properties of γ - $2\text{CaO} \cdot \text{SiO}_2$. P. P.
Budnikov and R. D. Azelitskaya, 4 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR,
Vol CVIII, No 3, pp 515-516.

Consultants Bureau

Chem
Jan 57 CTS

43,140

Continuous Molecular Distillation, by E.
Rukenshtein, 6 pp.

RUSSIAN, thrice-no per, Dok Ak Nauk SSSR,
Vol CVIII, No 3, pp 518-

Consultants Bureau

Chem

Jan 57 CTS

43,141

pp 518-521

Question for Bureau

Holby and Bureau of Information

On the Theory of Ferro-, Para- and Ferrimagnetism,
by M. S. Arulov, 4 pp.

RUSSIAN, per, Dokl Ak Nauk SSSR, Phys Sec, Vol CVIII,
No 4, 1956, 603 pp-

Amer Inst of Phys
Sov Phys "Doklady"
Vol I, No 3

Sci - Phys
Aug 57

Effect of Intermolecular Interactions on First
Order Raman Lines, by Ya. S. Bobovich, V. M.
Pivovarov, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Phys Sec,
Vol CVIII, No 4, 1956, pp 697-

Amer Inst of Phys
Sov Phys "Doklady"
Vol I, No 3

Sci - Phys
Aug 57

Damped Scattering of Spinless Particles, by
A. A. Sokolov, B. A. Kerimov, 5 pp.

RUSSIAN, per, Dokl Akad Nauk, Phys sec,
Vol CVIII, No 4, 1956, pp 611-

Amer Inst of Phys
Sov Phys "Doklady"
Vol I, No 3

Sci - Phys
Aug 57

Two Types of Rare-Earth Luminescence Spectra in
Synthetic Fluorite Crystals, by I. V. Stepanov,
P. P. Feofilov, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Phys Sec,
Vol CVIII, No 4, 1956, pp 615--

Amer Inst of Phys
Sov Phys "Doklady"
vol. I, No 3

Sci - Phys
Aug 57

Higher Approximation in the Self-Consistent
Field Method of Meson Theory, by C. L. Feynberg,
D. S. Chernavskiy, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Phys Sec, Vol CVIII,
No 4, 1956, pp 619-

Amer Inst of Phys
Sov Phys "Doklady"
Vol I, No 3

Sci - Phys
Aug 57

Early Changes in Blood Serum, Resulting from
X-Ray Treatment, as Shown by Ultra-Violet
Spectrography, by B. M. Graevskaya, B. A.
Orlov, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol. CVIII,
No 4, 1956, pp 623-625.

SIA R-1737
AEC Tr 2874

Sci
Aug 58

70384

Thermoelectric Properties of the GaSe_2 compound, by
N. Kh. Abrikosov, V. F. Bankina, 3 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol CVIII,
No 4, 1956, pp 627, 628.

Morris D. Friedman
\$1.50

Sci - Physics
Dec 56 CTS

41,474

Sci New 4 3.57/0193

To the Theory of Transfer Processes in Transistors, by
E. I. Aizirovich, V. G. Kolotilova, 7 pp.

RUSSIAN, per, Dok Ak Nauk USSR, Vol CVIII, No 4, 1956,
pp 629-632.

Morris D. Friedman

Sci - Electronics
Mar 59

84,404

A High Precision Photoelectric Spectropolarimeter,
by V. V. Kandyba, V. A. Kovalevskiy, 7 pp.

RUSSIAN, per, Dokl Ak Nauk SSSR, Vol CVIII, 1956,
pp 635-.

AEC tr-3830

Sci - Phys
May 60

117,44

Certain Hydrochemical Indicators of Internal
Water-Exchange in Baikal, by V. A. Tolmachev,
4 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol CVIII,
No 2, pp 639-.

3

Consultants Bureau

Sci - Geophys

Mar 58

60, 670

Kinetics of the Spontaneous Decomposition of
Potassium Ozonide. by Associate Member of the
Academy of Science USSR I. A. Kazarnovsky,
S. I. Raikhshtein, and L. N. Bykova 4 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR,
Vol CVIII, No 4, pp 641-644

Consultants Bureau

Sci - Chemistry
Jan 57 CTS

43,181

Polymorphism of Rubidium and Cesium Nitrates
and Their Interaction With Barium Nitrate, by
V. E. Plyushchev, I. B. Markina and L. P. Shklover,
4 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR,
Vol CVIII, ~~ISSUE~~ No 4, ~~pp 645-647~~ pp 645-647.

Consultants Bureau

Sci - Chemistry
Jan 57 ~~EXX~~ CTS

43,182

The Reaction of Unsymmetrical Organic α -Oxides
With Acetone in the Presence of Boron Fluoride, *by*
F. G. Ponomarev, 4 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR,
Vol CVIII, No 4, 648-650.

Consultants Bureau

Sci - Chemistry
Jan 57 CTS

43,183

The Preparation of Complex Compounds of
Tetravalent Platinum With Five and Six
~~DIFFERENT~~ Different Substituents in Trans-And
Cis-Configurations, by L. N. Essen and A. D. Gelman,
4 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR,
Vol CVIII, No 4, pp 651-654.

Consultants Bureau

Sci - Chemistry
Jan 57 CTS

163,184

The Influence of Water on the Absorption Spectrum
and Photosensitivity of Iron Pheophorbide, by
M. S. Ashkinazi, I. P. Gerasimova, B. Y. Dain,
5 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol
CVIII, 1956, pp 655-658.

SLA R-1348

May 58

64,591

Plastic Flow of Polyvinyl Chloride
at High Stress, by V. A. Kargin,
T. I. Sogolova.

RUSSIAN, per, Dok Ak Nauk SSSR,
Vol CVIII, No 4, 1956, pp 662-664.

CSIRO

Sci - Chem
Jun 62

201,102

A Theory of Continuous Molecular Distillation in Case
of Rather Short Columns, by E. Rukenshtein, 6 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CVIII, No 4,
1956, pp 665-667.

Fisheries Res Board of Canada
Technological Station
898 Richards Street
Vancouver 2, ~~WXX~~ B.C.

Sci

Feb 64

The Effect of Fertilizer on the Conversion of
Substances in Sprouting Potato Tubers.

A. F. Kalinkovich and V. A. Aleksandrovskaya,
4 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR,
Vol CVIII, No 4, 683.

Consultants Bureau

Biol
Jan 57 CTS

43, 240

The Possibility of Extracting Hydrocarbons
from Argillaceous Rocks by Solution in
Compressed Gases, M. N. Sokolova, M. A.
Kapelyushnikov and S. L. Zaks, 4 pp.

RE RUSSIAN, thrice-no per, Dok Ak Nauk SSSR,
Vol CVIII, No 4, pp 687-

Consultants Bureau

Chem
Jan 57 CTS

48,142

Paleogene Coccolithophoridae and Their
Stratigraphic Significance, by I. A. Shamray,
E. P. Lazareva, 5 p.

RUSSIAN, per, Dok Ak Nauk SSSR, 1956, Vol CVIII,
No 4, pp 711-714.

ATS-16L35R

HTC-23-07-PC

Sci

Apr 60

Vol III, No 2

111,687

Physical Conditions on Mars, by A. I. Lebedinskii,
5 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CVIII, 1956,
pp 795-798.

SLA Tr R-1349

Sci

Jun 58

65,832

The "Foliar Tide" in the World Ocean, by I. V.
Maksimov. UNCLASSIFIED

RUSSIAN, per: Dok Ak Nauk SSSR, Vol CVIII, No 5,
pp 799-801.

Sci Mus Lib 58/0216

Sci - R Geophys
Sep 78

73,362

The Luminescence Spectra of Some Iodides, by
V. A. Arkhangel'skaya, P. P. Pechilov, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Phys Sec, Vol
CVIII, No 5, 1956, pp 803-

Amer Inst of Phys
Sov Phys "Doklady"
Vol I, No 3

Sci - Phys
Aug 57

Small Angle Elastic Proton-Proton Scattering
at 400, 500 and 600 Mev., by N. P. Bogachev, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Phys Sec, Vol CVIII,
No 5, 1956, 626.
pp

Amer Inst of Phys
Sov Phys "Doklady"
Vol I, No 3

Phys
Sci - Aug 57

The Large Cosmic Ray Burst of February 23,
1956 as Observed at Moscow, Sverdlovsk,
Tbilisi and Cape Schmidt, by L. I. Dorman,
N.S. Kaminer, V. K. Noyeva, B. F. Shvartsman,
3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Phys Sec, Vol
CVIII, No 5, 1956, pp 1072-1074

Amer Inst of Phys
Sov Phys "Doklady"
Vol I, No 3

Sci - Phys
Aug 57

Some Problems of the Theory of Electron Beam
Focusing, by P. P. Kas'yunkov, 7 pp.

RUSSIAN, per, Dokl Ak Nauk SSSR, Phys Sec, Vol CVIII,
No 5, 1956, pp 893-899.

Amer Inst of Phys
Rev Phys "Doklady"
Vol I, No 3

Sci - Phys
Aug 57

SK R. H. ...

Neutron Detection From a Short-Lived Radon
Active Deposit, by A. V. Kogan, 3 pp.

RUSSIAN, per, Dokl Akad Nauk SSSR, Phys Sec, Vol
CVIII, No 5, 1956, pp 817-

Amer Inst of Phys
Sov Phys "Doklady"
Vol 1, No 3

Sci - Phys
Aug 57

X-Ray Emission at the Start of a Gas Discharge, by
I. N. Podgornyi, 2 pp.

RUSSIAN, per, Dokl Ak Nauk SSSR, Phys. Div, Vol. XXIII,
No 5, 1976, pp 620-

Amer Inst of Phys
Sci Phys "Doklady"
Vol I, No 3

Sci - Phys
Aug 57

The Critical Current in Thin Superconducting
Films, by L. A. Feynman, A. E. Chaitnikov, 2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Phys Sec, Vol
CVIII, No 5, 1956, pp 823-

Sci - Phys
Sov Phys "Doklady"
Vol. 3, No 3

Sci - Phys
Aug 57

Preparation and Dielectric and Optical Properties
of Single Crystals of Solid Solutions of Barium and
Strontium Titanates, by A. L. Khodakov, M. L.
Sholokhovich, E. G. Fesenko, O. F. Kuznetsov, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Phys Sec, Vol CVIII,
No 5, 1956, pp 825-

Amer Inst of Phys
Sov Phys "Doklady"
Vol I, No 3

Sci - Phys
Aug 57

Assoc Tech Sy I, R-J-768

The Reduction of Selenium Dioxide, Dissolved
in Sulfuric Acid, by SO_2 Sulfur Dioxide, by A. G.
Amelin and E. V. Yashke, 4 pp.

RUSSIAN, thrice-per, Dok Ak Nauk SSSR, Vol
CVIII, No 5, pp 849-852.

Consultants Bureau

Sci - Chemistry
Jan 57 CTS

43,185

Investigation of the Resin From the Roots of
Ferula Gumosa Boiss, by ~~XXXX~~ G. V. Pigulevsky,
and T. N. Naugolnaya, 4 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR,
Vol CVIII, No 5, pp 853-

Consultants Bureau

Sci - Chemistry
Jan 57 CTS

43,186

Chemical Composition of Ground Solutions of the
Baltic Sea, by T. I. Gorskova, 4 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol CVIII,
No 3, pp 863-
4

Consultants Bureau

Sci - Geophys

Mar 58

60,671

The Adsorption of Sulfuric Acid on Lead Dioxide,
by I. G. Kiseleva, B. N. Kabanov, 11 pp.

RUSSIAN, per. Dok Ak Nauk SSSR, Vol CVIII, No 5,
1956, pp 864-867.

OTS 60-10308
SIA 60-10308

Sci

OTS, Vol III, No 8

Apr 61

145,123

The Chemical Composition of ~~XXX~~ Atmospheric
Precipitations of the Northeastern Part of
the Ukraine, P. V. Denisov and A. L. Bugaov,
4 pp.

RUSSIAN, ~~Thrice-mo per~~, Dok Ak Nauk SSSR,
Vol CVIII, No 5, pp 879-881.

Consultants Bureau

Chem - ~~XXXXXXXXXX~~ Geophys
Jan 57 CTS

43,149

The Solubility of Ore-Forming Sulfides in
Aqueous Solutions, Yn. I. Olshansky and
R. F. Rafalsky, 4 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR,
Vol CVIII, No 5, pp 882-884.

Consultants Bureau

Chem - Geophys
Jan 57 CTS

43,150

Some Data on the Hydrocarbons in Dispersed Organic
Material, Yu. N. Petrova, I. P. Karpova and Yu.
A. Mandrykina, 4 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol
CVIII, No 5, pp 885-888.

Handwritten: 43,151
Consultants Bureau

Chem - Geophys
Jan 57 CTS

43,151

Iodine Map of the Ukrainian SSR, ^{by} P. S.
Savchenko, 4 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR,
Vol CVIII, No 5, pp 889-891.

Consultants Bureau

Chem - Geophys
Jan 57 CFS

43,152

Organic Material in the Liquid Phase of Contemporary Deposits of the Sea of Okhotsk, by N. D. Starikova, 4 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol CVIII, IX No 5, 892- [92]

Chem - Geophys
Jan 57 CTS

Consultants Bureau

Es. 10 → [unclear] [unclear]

43,153

Linearly Selective Corrosion of Nitrided Steel
by Sulfuric Acid Containing Additives, by
S. A. Balezin and V. B. Ratinov, 2 pp.

RUSSIAN, ~~ENZYME~~ thrice-mo per, Dok Ak Nauk
SSSR, Vol CVIII, No 5, pp 903, 904.

Consultants Bureau

Chem

Jan 57 JTS

43,143

Application of the Autoradiographic Method of Investigation to the ~~SEE~~ Study of the Distribution of Flotation Reagents on the Surface of Mineral Particles. I. N. Plaksin, ~~HOXHOX~~ R. Sh. Shafeyev and S. P. Zaitseva, 2 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol CVIII, No 5, pp 905-

43,144

Consultants ~~RUSSIAN~~
Bureau

Chem

Jan 57 CTS

Effect of Boron on Cereals When There is
Insufficient Moisture in the Soil at the
Critical Period of Their Development, by F.D.
Skazkin, V.G. Rozhkova.
RUSSIAN, per, Dokl. Akad. Nauk, Vol. 108, 1956,
pp 962-964
GB/25

Sci -
Aug 67

335
~~335~~-280

On the Solution of Linear Differential Equations
With Rapidly Varying Periodic Coefficients, by
K. A. Breus, 6 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CVIII, No 6,
1956, pp 997-1000.

SLA Tr R-972

Sci - Mathematics
Oct 57

54,599

On the Condition of the Central Limit Theorem for
Inhomogeneous Markov Chains by R. L. Dobruvin

RUSSIAN, per, Dok Ak Nauk SSR, Vol CVIII, No 18,
1956, pp 1004-1006, 424.

*Trans Comm of Amer
Math Soc

Sci
Aug 60

The Determination of Eigenvalues of Physical
Quantities by Means of a Quantum Mechanical
Distribution Law, by Yu. L. Klimontovich, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Phys Sec, Vol CVIII,
No 6, 1956, pp 1033--

Amer Inst of Phys
Sov Phys "Doklady"
Vol I, No 3

Sci - Phys
Aug 57

On the Theory of the Excitation Energy of Heavy
Nuclei, by L. P. Rapoport, Yu. M. Patusov, 5 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Phys Sec,
Vol CVIII, No 6, 1956, pp 1037-

Amer Inst of Phys
Sov Phys "Doklady"
Vol I, No 3

Sci - Phys
Aug 57

A New Model in Field Theory, by V. G. Polovnikov,
4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Phys Sec, Vol CVIII,
No 6, 1956, pp 1041-

Amer Inst of Phys
Sov Phys "Doklady"
Vol I, No 3

Sci - Phys
Aug 57

Nonrelativistic Regularization of the
S-Matrix, by B. M. Stepanov,

RUSSIAN, per, Dok Ak Nauk SSSR, Phys Sec,
Vol CVIII, No 6, 1956, pp 1045-

Amer Inst of Phys
Sov Phys "Doklady"
Vol I, No 3

Sci - Phys
Aug 57

57, 963

Time as a Factor in the Deformation of Frozen
Ground Under Pressure, by S. S. Vyalov.

RUSSIAN, per, Dok Ak Nauk , Vol 108, 1956,
1049-1052 pp. _____

*Army Coal Regions
Research & Engineering Lab
Hanover, New ~~Shaw~~ Hampshire

Oct 62

Sci - Geophysics

avail OTS

On the Method of Spherical Functions in Atmospheric Optics, by S. Ya. Kogan, 6 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CVIII, 1956-
pp 1053-1055.

REC/ADG-58-2-62

Sci - Physics
Apr 58

61,792

Diffusion Parameters and X-Ray Absorption. Spectra
of Atoms in Alloys, by I. Ya. Dekhtiar, 7 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CVIII, 1956,
pp 1069-1071.

SLA Tr R-869

Sci - Nuclear Physics

52, 260

Sep 7

Alkaloids of the Siberian Manseed (~~MAN~~
(~~MAN~~ (*Menispermum dauricum*), by T. N. Ilyinskaya,
2 pp.

RUSSIAN, thrice-no per, Dok Ak Nauk SSSR,
Vol CVIII, No 6, pp 1081, 1082.

Consultants Bureau

Sci - Chemistry
Jan 57 CTS

43,187

Structural Diagram of the System Titanium-Iron, *by*
I. I. Kornilov and N. G. Boriskina, 4 pp.

RUSSIAN, thrice-no per, Dok Ak Nauk SSSR,
Vol CVIII, No 6, pp 1083-1085.

Consultants Bureau

Sci - Chemistry
Jan 57 CTS

43,188

Henry C. Carter
9-2-79

Melting EX Diagram of the System Magnesium-
Copper-Nickel, by V. I. Mikhaleva and G. G.
Babayan, 4 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR,
Vol CVIII, No 6, pp 1086-1087.

EC Consultants Bureau

Sci .. Chemistry
Jan 57 CTS

43,189

Investigation of Isotope Exchange Between D_2O
Heavy Water and Some Aquopoly Compounds of
Tungsten, ²³⁸Associate Member of the Academy of
Science USSR Vikt. I. Spitsyn and Yu. F.
Berezkina, 4 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, 1956
Vol CVIII, No 6, pp 1088-1091.

Consultants Bureau

Sci - Chemistry
Jan 57 CTS

43,190

15 211

US-14

BYR'KO V. M.

The chemical mechanism of the oxidation of propane in the gas phase

Dokl. Akad. Nauk SSSR, 108, No. 6, 1093-1095 (1956)

RJ 1190. \$ 4.95 - English

E u r a t o m

Investigation of Heterocyclic N-Oxides. The Dipole Moments and Chemical Characteristics of the N-Oxides of Some Heterocyclic Compounds, by Z. V. Pushkareva, et al.

RUSSIAN, per, Doklady Akad Nauk SSSR, Vol CVIII, No 6, 1956, pp 1098-1101.

Assoc Tech Sv *TR*
\$6.30

51,537

RJ-779

Sci - Chemistry
Aug 57

Cation-Exchange Capacity of the Bottom Deposits of
the Northwestern Part of the Pacific Ocean, by E. D.
Zaitseva, 4 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol CVIII,
No 5, pp 1106-.

Consultants Bureau

Sci - Geophys

60,664

Mar 58

Certain Features of the Lower Paleozoic
Deposits of the Basin of the Central
Course of the Vilyuy (YASSR), by A. A.
Arsenyev and E. A. ~~MAKINA~~ Nechaeva, 4 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR,
Vol CVIII, No 6, pp 1109-1112.

Consultants Bureau

Chem - Geophys
Jan 57 CTS

43, 154

The Accumulation of Certain Chemical Elements
in the Fossilized Bones of Vertebrates, V. V.
Lavrov, 4 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR,
Vol CVIII, No 6, 1113-1116.

Consultants Bureau

Chem - Geophys
Jan 57 CTS

43,155

Carbonate Equilibrium in Carbon Dioxide
Mineral Waters, V. M. Levchenko, 4 pp.

(by)

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR,
Vol. CVIII, No 6, 1117-1119.

5-157

Consultants Bureau

43,156

Chem - Geophys
R Jan 57 CTS

Oxidation-Reduction Potential of Water of
the Black Sea, B. A. Skopintsev, 4 pp.

RUSSIAN, thrice-no ~~REPLY~~ per, Dok Ak Nauk
SSSR, Vol CVIII, No 6, pp 1120-

Consultants Bureau

Chem - Geophys
Jan 57 CTS

43,157

Glass and Fritts for the Fertilization of Soils
with Trace Elements. Yu. A. Zhdanov, K. P.
~~RUSSIAN~~ Azarov and V. E. Gorbatenko, 3 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR,
Vol CVIII, No 6, 1129-

Consultants Bureau

Biol
Jan 57 CTS

43, 241

Thermal Expansion of Sodium Silicate Glasses
Containing ~~RIXH~~ Fluorides, by V. V. Vargin,
and N. I. Krasotkina, 4 pp.

RUSSIAN, thrice-no per, Dok Ak Nauk SSSR,
Vol CVIII, No 6, pp 1133-1136.

1956
43,143- Consultants Bureau

Chem
Jan 57 CRS

A Crystallization Mechanism of the Hardening
of Gypsum Cements. Ya. L. Zabezhinsky, V. B.
Ratnov, and T. I. Rozenberg, 3 pp.

RUSSIAN, thrice-no per, Dok Ak Nauk SSSR,
Vol CVIII, No. pp 1137-1140

Consultants Bureau

Chem
Jan 57 CTS

43,146

Miklukho-Maklai, A. D.
THE BIOSTRATIGRAPHIC SUBDIVISION OF THE
UPPER PALEOZOIC IN THE KARA-CHATYR MOUN-
TAIN RIDGE (SOUTH FERGHANA) (Biostratigrafi-
cheskoe Razdelenie Verkhnego Paleozoya Khr. Kara-
Chatyr, Yuzhnaya Fergana) tr. by Ivan Mittin. 1963
[14]p. 11 refs.
Order from OTS, SLA or ETC \$1.60 TT-63-19592

Trans. of Akademiya Nauk SSSR. Doklady 1956,
v. 108, no. 6, p. 1152-1155.

DESCRIPTORS: *Paleontology, *Stratigraphy,
Foraminifera, Geologic age determination, Geology,
Mountains.

Middle Carboniferous deposits of Central Asia, the
Russian platform and other regions of the Russian-
Chinese zoogeographical area may be correlated by
(Earth Sciences--Geology, TT, v. 11, no. 1) (over)

TT-63-19592

- I. Title: Paleozoic
- I. Miklukho-Maklai, A. D.
- II. Geological Survey,
Denver, Colo.

Office of Technical Services

Variation and Variants of the Albomycin Producing
[Organism], by G. F. Geras, G. Y. Kochetkova.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol VIII, No 6,
1956, pp 1179-1181. CIA 9035531

USDA

Sci - Medicine
Feb 59

81, 226

Running Waves of a System of Quasilinear Equations,
by N. M. Janenko,

RUSSIAN, for, Dokl Ak Nauk SSSR, Vol 191, No 1,
pp 44-47, 1955.

C.S.I.R.O.

Bcl - Flye

May 60

116,121

Shock Waves in a Plastic Condensing Medium, by
A. S. Kompaneyskiy, 5 pp.

RUSSIAN, three-mo per, Dok Ak Nauk SSSR, Vol CIX,
No 1, 1956, pp 49-52.

Sci Mus Lib Tr 57/0960

Sci - Physics
Jul 57

49,812

ALL INFORMATION CONTAINED
HEREIN IS UNCLASSIFIED

AEC-UCRL-TR-1003(L)
(9216793)

On the Problem of Electromagnetic Wave Diffraction
by a Circular Aperture in a Plane Screen, by
N. I. Akhiezer, A. N. Akhiezer, 7 pp.

RUSSIAN, per, Doklady Akad Nauk SSSR, Vol CIX,
No 1, 1956, pp 53-56.

S.I.A. Tr R-429

Sci - Electricity
May 57

48,725

Morris R. Friedman

The Calculation of π -Electron's Polarizability
of Polycyclic and Benzene by the "Metallic"
Molecular Model, by M. H. Adamov, I. G.
Mikheevaya, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Phys Sec,
Vol CIX, No 1, ~~1956~~ Jul-Aug 1956, pp 57-

Amer Inst of Phys
Sov Phys "Doklady"
Vol I, No 4

Sci - Phys
Aug 57

On Ionospheric Fluctuations of the Intensity
of Radio Waves From Nebulae, By V. L. Ginzburg,
3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, ~~Phys~~ Vol CIX,
No 1, Jul-Aug 1956, pp 61-

Amer Inst of Phys
Sov Phys "Doklady"
Vol I, No 4

Sci - Phys

Aug 57

The Anomalous Scattering of Light in Glass, by
A. I. Kell'gin, 3 pp.

RUSSIAN, per, Dokl Ak Nauk SSSR, Phys Sec,
Vol CIX, No 1, Jul-Aug 1956, pp 64-

Amer. Inst of Phys
Sov Phys "Izvestiya"
Vol I, No 4

Sci - Phys

Aug 57

The Distortion and Interaction of Acoustic Waves of
Finite Amplitude in a Viscous Medium, by G. D.
Mikhaylov, 5 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Phys Sec, Vol CIX,
No 1, Jul-Aug 1956, pp 68-

Amer Inst of Phys
Sov Phys "Doklady"
Vol I, No 4

Sci - Phys

Aug 57

A Gauge-Invariant Analogue of the Wigner
Distribution, by R. L. Stratonovich, 5 pp

RUSSIAN, per, Dok Ak Nauk SSSR, Phys Sec, Vol CIX,
No 1, Jul-Aug 1956, pp 72-

Amer Inst of Phys
Sov Phys "Doklady"
Vol I, No 4

Sci - Phys
Aug 57

The Problem of the Electrification and Conductivity
of Cumulonimbus Clouds, by I. N. Izyaninov, 4 pp.

■

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CIX, No 1,
1956, pp 77-79.

Assoc Tech Serv 713-1012

Sci - Geophys

Jul 58

67,173

The Measurements of Electric Field Intensity in
Thunderclouds by Means of a Radiosonde, by V. I.
Arabadzhi, 5 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXI, No 1,
1956, pp 85-88.

Assoc Tech Serv

Sci - Electron

Jul 58

67,166

²
Abietic Acid - A Primary Resin Acid of the Oleoresin
of the Common Pine (*Pinus Silvestris*), by I. I.
Bardyshev, L. I. Ukhova, 2 pp.

RUSSIAN, three-uo per, Dok Ak Nauk SSSR, Vol CXX,
No 1, Jul-Aug 1956, pp 89, 90.

Consultants Bureau

Sci - Chem

56,610

Dec 57

On the Addition of Trialkyl Phosphites to Certain
Unsaturated Acids, by Gila Kessel, V. A. Zubilin,
4 pp.

RUSSIAN, three-mo per, Dokl Ak Nauk SSSR, Vol 227,
No 1, Jul/Aug 1966, pp 91-93.

Consultants Bureau

Sci - Chem

56, 511

Dec 57

Oxygenoboron Compounds. Synthesis of Complex
Compounds of Unsymmetrical Triarylborane, by
A. M. Malinikov, V. A. Vaver, 6 pp.

B
RUSSIAN, Khimie-mo per, Dok Ak Nauk SSSR, Vol. 131,
Mos, Jul/Aug 1956, pp 94-97.

Consultants Bureau

Sci - Chem

56, 612

Doc 57

Catalytic Chlorophosphination of Chloro Sub-
stituted Olefins, by L. Z. Soborovsky, Yu. M.
Kisovyarski, 4 pp.

RUSSIAN, Khimiko-tehn. Dokl. Akad. Nauk SSSR, Vol. 674,
No 1, Jul/Aug 1956, pp 95-100.

Consultants Bureau

Sol - Chem

56, 613

Doc 57

Etherates and Dioxenates of Organolithium Compounds,
by T. V. Talapayeva, M. M. Kad, K. A. Kocheshkov,
pp. ^h /A/

RUSSIAN, thrice-no per, Dok Ak Nauk SSSR, Vol. CII,
No 1, pp 101-104. Jul/Aug 1958

Consultants Bureau

Sci - Chem

56,616

Doc 57

Catalytic Alkylation of n-Heptane With Propylene
and n-Butane With Butylene at High Temperatures
and Pressures, by ¹L. Kh. Froilin, A. A.
Balashin, N. M. Kazarova, 4 pp.

RUSSIAN, three-no per, Dok Ak Nauk SSSR, Vol CIX,
No 1, pp 105-108. Jul/Aug 1956

Consultants Bureau

Sci - Chem

56,617

Doc 57

Contact Transformations of 1,1'-Dimethyldicyclohexyl in
the Presence of Platinized Carbon, by S. I. Khromov,
D. A. Kondratyev, E. S. Balonkova, B. A. Kazansky, 4 pp.

RUSSIAN, twice-as per, Dok Ak Nauk SSSR, Vol CXX,
No 1, pp 109-111. Jul/Aug 1955

Consultants Bureau

Sci - Chem

56,614

Dec 57

Investigations in the Field of the Synthesis and
Transformations of Vinyl Silicon Compounds.
Synthesis of Vinylalkyldichlorosilanes by Reaction of
Alkyldichlorosilanes With Acetylene, by M. F. Shastukov-
sky, D. A. Kocikina, 4 pp.

RUSSIAN, three-no par, Dok Ak Nauk SSSR, Vol CII,
No 1, pp 113-116. Jul/Aug 1956

Consultants Bureau

Sci - Chem

Doc 57

56, 613
CCT-168-77

Cyanoethylated Ketones in the Synthesis of Unsaturated
 δ -Lactones. A New Method of Synthesis of α -Pyrones,
by M. P. Shusharina, M. Yu. Lurya, R. Ye. Levina,
4 pp.

RUSSIAN, three-to per, Dok. Ak. Nauk. SSSR, Vol. CIA,
No 1, pp 117-120. Jul/Aug 1956

Consultants Bureau

Sci - Chem

56,618

Doc 57

Effect of Lubricants on Process of Friction,
by V. D. Kuznetsov, et al.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CIX,
No 1, 1956, pp 124-126.

Henry Bratcher #549
\$2.90

Sci - Engr

May 59

86, 634

Diffusion Kinetics Under Turbulent Conditions of
Mixing, by A. I. Fedorova, G. I. Vidovich, 6 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CIX, No 1, 1956,
pp 135-138. 9099900

AWC Tr-5042

Sci - Phys
May 62

196, 788

Yurk, Yu. Yu.

HYDRATION OF IRON OXIDES AND THEIR CONVERSION TO HYDROXIDES. [1961] 8p. (3 figs. omitted) 7 refs.

Order from OTS or SLA \$1.10

61-15875

Trans. of Akad[emiya] Nauk SSSR. Doklady, 1955, v. 109, no. 1, p. 144ff.

DESCRIPTORS: *Iron compounds, *Oxides, *Hydroxides, Minerals, Magnetite, Iron, Ores, Rock, Crystals, Lattices, Geology, Mining engineering.

(Earth Sciences--Mineralogy, TT, v. 7, no. 7)

61-15875

- I. Yurk, Yu. Yu.
- II. Geological Survey of Canada

Office of Technical Services

The Effect of Light in Glycolate On the Oxidase of
Glycolic Acid in P ants, by P. A. Kolesnikov, S. V.
Emenova, 9 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CIX, 1956, pp
152-155.

AEC Tr 3218

Sci - Biol

May 58

64,824

On the Photoperiodic Reaction in the Colorado
Beetle *Leptinotarsa Deconlineata* Say, by N. I.
Goryshin.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CIX, No 1,
1956, pp 205-208.

CSIRO

Sci - Biol

Jun 61

156,561